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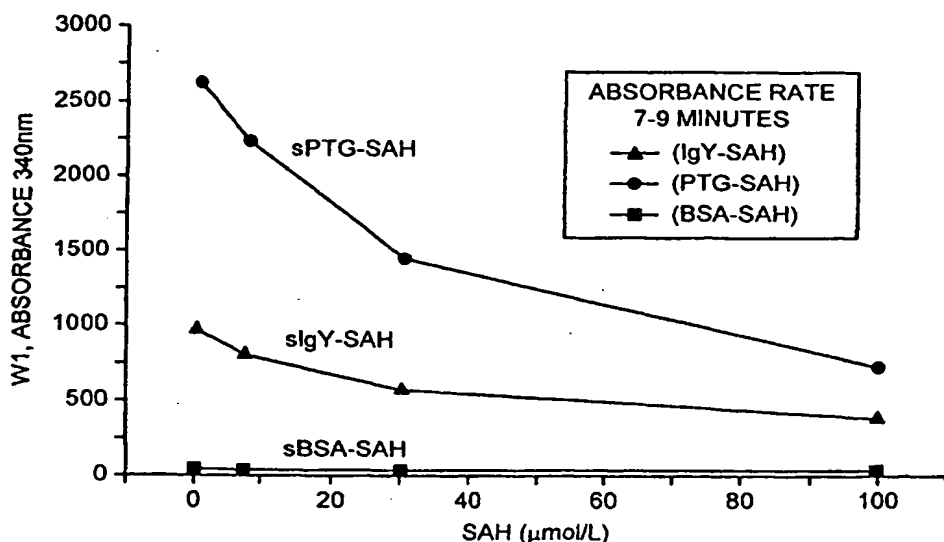
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(71) Applicant (for all designated States except US): AXIS-SHIELD ASA [NO/NO]; Ulvenveien 87, P.O. Box 206 Økern, N-0510 Oslo (NO).			
(71) Applicant (for GB only): COCKBAIN, Julian [GB/GB]; Flat 4, 83 Linden Gardens, London W2 4EU (GB).			
(72) Inventor; and (75) Inventor/Applicant (for US only): FRANTZEN, Frank [NO/NO]; Axis-Shield ASA, Ingeniørgården, N-8031 Bodø (NO).			
(74) Agents: COCKBAIN, Julian et al.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).			
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(54) Title: ASSAY FOR HOMOCYSTEINE



(57) Abstract

The invention provides a method for assaying homocysteine in a sample, said method comprising: contacting said sample with two or three stable aqueous reagents containing a polyhapten, a homocysteine converting enzyme, a primary antibody capable of binding to said polyhapten whereby to produce a complex, and if desired one or more of a co-substrate for said homocysteine converting enzyme, a reducing agent, a further enzyme capable of converting said co-substrate or a conversion product of said homocysteine converting enzyme, and a second antibody capable of binding to said complex, said primary antibody also being capable of binding to said co-substrate or a conversion product of one of said enzymes whereby the quantity of said complex produced is indicative of the content of homocysteine in said sample; and photometrically detecting said complex.